

C  
CB2  
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of [an organism] a microorganism selected from the group  
5 consisting of ATCC Nos. 20888 and 20889, <sup>and</sup> [and] mutant strains  
derived therefrom, wherein said [mutants] <sup>microorganism of</sup> Thraustochytrium,  
~~the microfloral biomass has~~ Schizochytrium, and mixtures thereof have an omega-3 highly  
unsaturated fatty acid content of at least about 0.5% dry  
weight.

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518. (Once Amended) The microfloral biomass of Claim 17,  
wherein said <sup>microorganism of the microfloral biomass has</sup> Thraustochytrium, [and] Schizochytrium and  
~~mixtures thereof have~~ a cholesterol content of at least about  
15% of the total sterol content.

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619. (Once Amended) The microfloral biomass of Claim 14,  
wherein said <sup>microfloral biomass has</sup> Thraustochytrium, Schizochytrium, and mixtures  
~~thereof have~~ a cell aggregate size less than about 100 microns  
in diameter.

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720. (Once Amended) The microfloral biomass of Claim 14,  
wherein said <sup>microfloral biomass has</sup> Thraustochytrium, Schizochytrium, and mixtures  
~~thereof have~~ a cell aggregate size less than about 50 microns  
in diameter.

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